

# Technical Service Categories and Criteria Options for Certification

10/17/2003

**Note:** This document lists all categories and the options for certification within each category. You only need to meet the criteria for **ONE** option group to satisfy the certification requirements for a category. However, you must meet **ALL** of the criteria within the selected option group.

Categories	Options	Criteria
CNMP Plan Approval		State Date: 3/1/2003 ; End Date: Animal Mortality Facility (316); Channel Vegetation (322); Closure of Waste Impoundments (360); Composting Facility (317); Conservation Cover (327); Conservation Crop Rotation (328); Constructed Wetland (656); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Cross Wind Ridges (589A); Cross Wind Trap Strips (589C); Deep Tillage (324); Diversion (362); Feed Management (592); Field Border (386); Filter Strip (393); Grassed Waterway (412); Heavy Use Area Protection (561); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Hillside Ditch (423); Lined Waterway or Outlet (468); Manure Transfer (634); Mulching (484); Nutrient Management (590); Pumping Plant (533); Residue Management, Mulch Till (329B); Residue Management, No Till/Strip Till (329A); Residue Management, Ridge Till (329C); Residue Management, Seasonal (344); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Runoff Management System (570); Soil Salinity Management-Nonirrigated (571); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetative Barrier (601); Waste Storage Facility (313); Waste Treatment Lagoon (359); Waste Utilization (633); Wastewater Treatment Strip (635); Waterspreading (640);
	CNMP Plan Approval Option 1 - CP Certification	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning State Certification</u> : Possess a current certification as a certified conservation planner from a NRCS approved training program for the states and localities to be serviced.
	CNMP Plan Approval Option 2 - Knowledge	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning Knowledge</u> : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for 2002 Farm Bill programs, b) Skill in applying the NRCS conservation planning process, c) Ability to plan and implement conservation practices common to the geographic area, d) Skill in applying approved erosion prediction technology (Revised Universal Soil Loss equation, Wind Erosion Equation, Wind Erosion Prediction System), f) Skill in using applicable site vulnerability assessment tools. <u>Conservation Planning NRCS Training Modules 1-9</u> : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. <u>Conservation Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Certified Conservation Planner practices.
CNMP Plan Development - Feed Management		State Date: 8/6/2003 ; End Date: Feed Management (592);
	CNMP Planning Feed Management Option 1	<u>Animal Feed Ability</u> : Ability to discuss feed management technologies and feeding techniques with producers during the planning process, and to enable producers to make a decision of the potential value of including feed management in their conservation plan or CNMP. <u>Animal Feed Knowledge</u> : Knowledge of various feeding technologies and feeding techniques described in the NRCS conservation practice standard for feed management (code 592), including how their use can change the nutrient content of excreted animal manure. <u>Animal Feed Sources</u> : Knowledge of the sources of feed management technical assistance that are available in the area(s) in which the planner is providing assistance. <u>Animal Feed Training</u> : Acquire 15 hours of training or continuing education credits in feed management related subjects during the next three years that builds on existing knowledge and introduces new technology. <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
CNMP Plan Development - Land Treatment		State Date: 8/5/2003 ; End Date: Channel Vegetation (322); Conservation Cover (327); Conservation Crop Rotation (328); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Cross Wind Ridges (589A); Cross Wind Trap Strips (589C); Deep Tillage (324); Diversion (362); Field Border (386); Filter Strip (393); Grassed Waterway (412); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Hillside Ditch (423); Lined Waterway or Outlet (468); Mulching (484); Residue Management, Mulch Till (329B); Residue Management, No Till/Strip Till (329A); Residue Management, Ridge Till (329C); Residue Management, Seasonal (344); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Runoff Management System (570); Soil Salinity Management-Nonirrigated (571); Stripcropping (585); Structure for Water

Categories	Options	Criteria
		Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetative Barrier (601); Waterspreading (640);
	CNMP Plan Development Land Treatment Option 1 - Knowledge and Training	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>CNMP Plan Development Training</u> : Successful completion of an NRCS approved training course that meets all the general requirements for all CNMP Certified Specialist categories as well as the specific requirements for this element contained in the NRCS GM-180, Part 409.10. <u>FOTG Knowledge</u> : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided.
	CNMP Plan Development Land Treatment Option 2 - Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Univ TN - CNMP Plan Devel Land Treatment Certification</u> : CNMP Plan Development - Land Treatment Certification through the University of Tennessee CNMP Land Treatment element certification process.
CNMP Plan Development - Manure and Wastewater Handling and Storage		State Date: 8/5/2003 ; End Date: Animal Mortality Facility (316); Closure of Waste Impoundments (360); Composting Facility (317); Constructed Wetland (656); Heavy Use Area Protection (561); Manure Transfer (634); Pumping Plant (533); Roof Runoff Structure (558); Waste Storage Facility (313); Waste Treatment Lagoon (359); Waste Utilization (633); Wastewater Treatment Strip (635);
	CNMP Plan Development MWHS Option 1 - Knowledge and Training	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>CNMP Plan Development Training</u> : Successful completion of an NRCS approved training course that meets all the general requirements for all CNMP Certified Specialist categories as well as the specific requirements for this element contained in the NRCS GM-180, Part 409.10. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>FOTG Knowledge</u> : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided.
	CNMP Plan Development MWHS Option 2 - Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Univ TN - CNMP Plan Devel MWHS Certification</u> : CNMP Plan Development - Manure and Wastewater Handling and Storage Certification through the University of Tennessee CNMP Manure and Wastewater Handling and Storage element certification process.
CNMP Plan Development - Nutrient Management		State Date: 8/5/2003 ; End Date: Nutrient Management (590); Waste Utilization (633);
	CNMP Plan Development Nutrient Mgt Option 1 - Knowledge and Training	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>CNMP Plan Development Training</u> : Successful completion of an NRCS approved training course that meets all the general requirements for all CNMP Certified Specialist categories as well as the specific requirements for this element contained in the NRCS GM-180, Part 409.10. <u>FOTG Knowledge</u> : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	CNMP Plan Development Nutrient Mgt Option 2 - Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Univ TN - CNMP Plan Devel Nutrient Mgt Certification</u> : CNMP Plan Development - Nutrient Management Certification through the University of Tennessee CNMP Nutrient Management element certification process.
CNMP Plan Development - Total Plan		State Date: 9/7/2003 ; End Date: Animal Mortality Facility (316); Channel Vegetation (322); Closure of Waste Impoundments (360); Composting Facility (317); Conservation Cover (327); Conservation Crop Rotation (328); Constructed Wetland (656); Contour Buffer Strips (332); Contour Farming (330); Cover Crop (340); Cross Wind Ridges (589A); Cross Wind Trap Strips (589C); Deep Tillage (324); Diversion (362); Feed Management (592); Field Border (386); Filter Strip (393); Grassed Waterway (412); Heavy Use Area Protection (561); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Hillside Ditch (423); Lined Waterway or Outlet (468);

Categories	Options	Criteria
		Manure Transfer (634); Mulching (484); Nutrient Management (590); Pumping Plant (533); Residue Management, Mulch Till (329B); Residue Management, No Till/Strip Till (329A); Residue Management, Ridge Till (329C); Residue Management, Seasonal (344); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Runoff Management System (570); Soil Salinity Management-Nonirrigated (571); Stripcropping (585); Structure for Water Control (587); Subsurface Drain (606); Surface Roughening (609); Terrace (600); Underground Outlet (620); Vegetative Barrier (601); Waste Storage Facility (313); Waste Treatment Lagoon (359); Waste Utilization (633); Wastewater Treatment Strip (635); Waterspreading (640);
	CNMP Total Plan Development Option 1 - Knowledge and Training	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>CNMP Total Plan Development Training</u> : Successful completion of an NRCS approved training program that meets all general requirements for all CNMP Certified Specialist categories as well as the specific requirements for all elements (Land Treatment, Manure and Wastewater Storage and Handling, Nutrient Management, and Feed Management) contained in NRCS GM-180, Part 409.9 for the states and localities to be serviced. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>FOTG Knowledge</u> : Knowledge of the NRCS Field Office Technical Guide as related to the specific elements of the CNMP for which expertise is being provided.
	CNMP Total Plan Development Option 2 - EMS LLC Certification	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>EMS CNMP LLC Certification</u> : CNMP Plan Development - Total Plan Certification as a CNMP Planner through the EMS LLC certification process. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.
	CNMP Total Plan Development Option 3 - Univ TN Certification	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Univ TN CNMP Total Plan Certification</u> : CNMP Plan Development - Total Plan Certification in all specialty areas (Land Treatment, Manure and Wastewater Storage and Handling, Nutrient Management, and Feed Management).
Certified Conservation Planner (Current)		State Date: 4/3/2003 ; End Date: ();
	Conservation Planning Option 1 - Certification	<u>Conservation Planning State Certification</u> : Possess a current certification as a certified conservation planner from a NRCS approved training program for the states and localities to be serviced.
	Conservation Planning Option 2	<u>Conservation Planning Knowledge</u> : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for 2002 Farm Bill programs, b) Skill in applying the NRCS conservation planning process, c) Ability to plan and implement conservation practices common to the geographic area, d) Skill in applying approved erosion prediction technology (Revised Universal Soil Loss equation, Wind Erosion Equation, Wind Erosion Prediction System), f) Skill in using applicable site vulnerability assessment tools. <u>Conservation Planning NRCS Training Modules 1-9</u> : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. <u>Conservation Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Certified Conservation Planner practices.
Channel and Streambank Stabilization		State Date: 3/1/2003 ; End Date: ; Channel Stabilization (584); Channel Vegetation (322); Clearing and Snagging (326); Obstruction Removal (500); Streambank and Shoreline Protection (580);
	Channel Option 1	<u>Channel Experience</u> : Experience and knowledge in planning, design, layout, inspection and certification of Channel and Streambank Stabilization practices including any applicable Standards and Specifications. <u>Channel References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Channel and Streambank Stabilization practices. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.
Contaminate Reduction Control		State Date: 3/1/2003 ; End Date: ;

Categories	Options	Criteria
		Anionic Polyacrylamide (PAM) Erosion Control (450); Land Reclamation Toxic Discharge Control (455); Soil Salinity Management-Nonirrigated (571); Toxic Salt Reduction (610);
	Contaminate Reduction Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Contaminate Reduction Experience</u> : Experience and knowledge in planning, design, layout, inspection and certification of contaminate reduction and control practices including any applicable Standards and Specifications. <u>Contaminate Reduction References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Contaminate Reduction Control practices. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.
Cultural Resources Compliance Studies		State Date: 4/3/2003 ; End Date: 0;
	Cultural Resources Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Cultural Resources - Experience</u> : Cultural Resources survey, identification, evaluation and treatment knowledge, education, and report-writing experience. Meet the Secretary of the Interiors Professional Qualification Standards and Guidelines for the Archeology and Historic Preservation found at <a href="http://www.cr.nps.gov/local-law/arch_stnds_9.htm">http://www.cr.nps.gov/local-law/arch_stnds_9.htm</a> for the relevant areas of expertise and demonstrated knowledge of the geographic region or state in which the service is to be performed. The areas of expertise may include archaeology, history, historic architecture, historic landscape architecture, ethnology, and/or ethnography. <u>Cultural Resources - NRCS Training</u> : Complete Modules 1-8 of the NRCS Cultural Resources Training in the state in which the service is to be provided or the equivalent approved by the State Conservationist. <u>Cultural Resources - References</u> : Provide at least 2 professional references (including one from the State Historic Preservation Officer and/or Tribal Historic Preservation Officer, if possible) who can verify your qualifications, including experience, in local, state and regional Section 106 cultural resources compliance studies and report writing. <u>Cultural Resources and/or Archaeological Permits – State and Tribal</u> : A current cultural resources and/or archaeological permit as required by State or Tribal law in the state of practice or on tribal lands.
Feed Management		State Date: 7/10/2003 ; End Date: Feed Management (592);
	Feed Management Option 1	<u>Animal Diet Proficiency</u> : Proficiency in developing animal diets and with using the feeding technologies and feeding techniques described in the NRCS conservation practice standard for feed management (Code 592). <u>Animal Feed References</u> : Provide two locations or customer references where practice has been installed that can verify experience and proficiency in developing animal diets and feeding strategies that conform to the requirements of the NRCS conservation practice standard for feed management. <u>Animal Feed Training</u> : Acquire 15 hours of training or continuing education credits in feed management related subjects during the next three years that builds on existing knowledge and introduces new technology. <u>Animal Scientist Certification</u> : Certification as a Professional Animal Scientist. <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
Forestry/Agroforestry		State Date: 3/1/2003 ; End Date: Alley Cropping (311); Firebreak (394); Forest Site Preparation (490); Forest Stand Improvement (666); Prescribed Burning (338); Recreation Area Improvement (562); Riparian Forest Buffer (391); Tree and Shrub Establishment (612); Tree/Shrub Pruning (660); Use Exclusion (472); Windbreak/Shelterbelt Establishment (380); Windbreak/Shelterbelt Renovation (650);
	Forestry Option 1 - Certification	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Forestry Certification</u> : Be certified by a Forestry or related professional organization.
	Forestry Option 2 - Experience	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Forestry Experience</u> : 5 years experience and knowledge and knowledge in planning, design, layout, inspection, or managing forestry practices associated with this category.

Categories	Options	Criteria
		<u>Forestry References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Forestry/Agroforestry practices.
	Forestry Option 3 - Education	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Forestry Education</u> : Bachelor or higher level degree in forestry or related plant science and 1 years experience and knowledge successfully planning, design, layout, or managing Forestry or agroforestry practices associated with this category. <u>Forestry References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Forestry/Agroforestry practices.
Grazing/Forages		State Date: 3/1/2003 ; End Date: Animal Trails and Walkways (575); Brush Management (314); Fence (382); Firebreak (394); Forage Harvest Management (511); Grazing Land Mechanical Treatment (548); Heavy Use Area Protection (561); Pasture and Hay Planting (512); Prescribed Grazing (528A); Range Planting (550); Upland Wildlife Habitat Management (645); Use Exclusion (472); Wetland Wildlife Habitat Management (644);
	Grazing Option 1 - SRM Certification	<u>Grazing SRM Certification</u> : Hold a current certification as Certified Range Management Consultant by Society for Range Management(SRM).
	Grazing Option 2 - AgCertification	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	Grazing Option 3 - Experience	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Grazing Experience</u> : 5 Years experience in planning, design, layout, inspection, or managing Grazing/Forages practices associated with this category. <u>Grazing References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Grazing/Forages practices.
	Grazing Option 4 Education	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Grazing Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years of experience and knowledge successfully planning, design, layout, or managing Grazing/Forage practices associated with this category. <u>Grazing References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Grazing/Forages practices.
Irrigation (Water Conveyance)		State Date: 3/1/2003 ; End Date: Irrigation Canal or Lateral (320); Irrigation Field Ditch (388); Irrigation Land Leveling (464); Irrigation Water Conveyance Ditch and Canal Lining Nonreinforced Concrete (428A); Irrigation Water Conveyance Ditch and Canal Lining Flexible Membrane (428B); Irrigation Water Conveyance Ditch and Canal Lining Galvanized Steel (428C); Pumping Plant (533); Structure for Water Control (587);
	Irrigation Conveyance Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Irrigation Conveyance Experience</u> : Experience in the planning, design, layout, inspection of irrigation water conveyance practices including any applicable Standards and Specifications. <u>Irrigation Conveyance References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Irrigation (Water Conveyance) practices.
Irrigation System (Application)		State Date: 3/1/2003 ; End Date: Anionic Polyacrylamide (PAM) Erosion Control (450); Irrigation System Microirrigation (441); Irrigation System Surface and Subsurface (443); Irrigation System Tailwater Recovery (447); Irrigation System Sprinkler (442); Irrigation Water Management (449); Pumping Plant (533); Toxic Salt Reduction (610);
	Irrigation Application	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of



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	Option 1	<p>NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Irrigation Application Experience</u> : Experience in the planning, design, implementation and management of irrigation systems application practices including any applicable Standards and Specifications.</p> <p><u>Irrigation Application References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Irrigation System (Application) practices.</p>
Irrigation Water Management		<p>State Date: 3/1/2003 ; End Date:</p> <p>Irrigation Water Management (449);</p>
	Irrigation Water Mgt Option 1 - AgCertification	<p><u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization.</p> <p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p>
	Irrigation Water Mgt Option 2 - Experience	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Irrigation Water Mgt - Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection and certification of irrigation water practice practices including any applicable Standards and Specifications.</p> <p><u>Irrigation Water Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Irrigation Water Management practices.</p>
	Irrigation Water Mgt Option 3 - Education	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Irrigation Water Mgt Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 year of experience and knowledge successfully planning, design, layout, or inspection of irrigation water management practices associated with this category.</p> <p><u>Irrigation Water Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Irrigation Water Management practices.</p>
Land Shaping		<p>State Date: 3/1/2003 ; End Date:</p> <p>Irrigation Land Leveling (464); Land Reclamation Landslide Treatment (453); Land Reconstruction, Abandoned Mined Land (543); Land Smoothing (466); Precision Land Forming (462); Recreation Land Grading and Shaping (566); Spoil Spreading (572);</p>
	Land Shaping Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Land Shaping Experience</u> : Experience in planning, design, layout, inspection and certification of Land shaping practices including any applicable Standards and Specifications.</p> <p><u>Land Shaping References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Land Shaping practices.</p>
Land Shaping (PE Not Required)		<p>State Date: 3/1/2003 ; End Date:</p> <p>Bedding (310); Land Clearing (460); Obstruction Removal (500);</p>
	Land Shaping (no PE) Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Land Shaping (noPE) References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Land Shaping (PE Not Required) practices.</p> <p><u>Land Shaping (noPE) Experience</u> : Experience in planning, design, layout, inspection and certification of land shaping practices that do not require a professional engineering license.</p>
Land Treatment - Buffer		<p>State Date: 3/1/2003 ; End Date:</p> <p>Contour Buffer Strips (332); Cross Wind Trap Strips (589C); Field Border (386); Filter Strip (393); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Vegetative Barrier (601);</p>
	Buffer Option 1 -	<p><u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional</p>

Categories	Options	Criteria
	AgCertification	organization. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	Buffer Option 2 - Experience	<u>Buffer Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection and certification of buffer conservation practices associated with this category. <u>Buffer References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Buffer practices. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	Buffer Option 3 - Education	<u>Buffer Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 year of experience and knowledge successfully planning, design, layout, or inspection of buffer conservation practices associated with this category. <u>Buffer References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Buffer practices. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
Land Treatment - Surface Water Management		State Date: 3/1/2003 ; End Date: Diversion (362); Grassed Waterway (412); Hillside Ditch (423); Lined Waterway or Outlet (468); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Runoff Management System (570); Structure for Water Control (587); Subsurface Drain (606); Terrace (600); Underground Outlet (620); Waterspreading (640);
	Surface Water Mgt Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Surface Water Mgt Experience</u> : Experience in planning, design, layout, inspection and certification of surface water management practices including any applicable Standards and Specifications. <u>Surface Water Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Surface Water Management practices.
Land Treatment - Tillage and Erosion		State Date: 3/1/2003 ; End Date: Conservation Crop Rotation (328); Contour Farming (330); Contour Orchard and Other Fruit Area (331); Cross Wind Ridges (589A); Deep Tillage (324); Residue Management, Mulch Till (329B); Residue Management, No Till/Strip Till (329A); Residue Management, Ridge Till (329C); Residue Management, Seasonal (344); Stripcropping (585); Surface Roughening (609);
	Tillage Option 1 - CCA	<u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA).
	Tillage Option 2 - CPSSC	<u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA).
	Tillage Option 3 - CPCSc	<u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA).
	Tillage Option 4 - CPAg	<u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA).
	Tillage Option 5 - Certification	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	Tillage Option 6 - Experience	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Tillage Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing tillage practices associated with this category. <u>Tillage References</u> : Provide two locations or customer references where technical service has

Categories	Options	Criteria
		been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Tillage and Erosion practices.
	Tillage Option 7 - Education	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Tillage Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years of experience and knowledge successfully planning, design, layout, or managing tillage practices associated with this category.</p> <p><u>Tillage References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Tillage and Erosion practices.</p>
Land Treatment - Vegetative Land Stabilization		<p>State Date: 3/1/2003 ; End Date:</p> <p>Channel Vegetation (322); Conservation Cover (327); Cover Crop (340); Mulching (484); Soil Salinity Management-Nonirrigated (571);</p>
	Vegetative Option 1 - Certification	<p><u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization.</p> <p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p>
	Vegetative Option 2 - Experience	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Vegetative Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing vegetative practices associated with this category.</p> <p><u>Vegetative References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Vegetative Land Stabilization practices.</p>
	Vegetative Option 3 - Education	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Vegetative Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years experience and knowledge successfully planning, design, layout, or managing vegetative practices associated with this category.</p> <p><u>Vegetative References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Vegetative Land Stabilization practices.</p>
Manure and Wastewater Handling and Storage		<p>State Date: 3/1/2003 ; End Date:</p> <p>Animal Mortality Facility (316); Closure of Waste Impoundments (360); Composting Facility (317); Constructed Wetland (656); Heavy Use Area Protection (561); Manure Transfer (634); Pumping Plant (533); Roof Runoff Structure (558); Waste Storage Facility (313); Waste Treatment Lagoon (359); Waste Utilization (633); Wastewater Treatment Strip (635);</p>
	Manure and Wastewater Handling and Storage Option 1 - Experience	<p><u>Animal Waste Level 1</u> : Complete NRCS training course Animal Waste Management- a primer or an NRCS approved equivalent.</p> <p><u>Animal Waste Level 2</u> : Complete NRCS training course Animal Waste Management- level 2 or an NRCS approved equivalent.</p> <p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>MWHS Experience</u> : Experience in the planning, design, layout, inspection and certification of manure and wastewater handling and storage(MWHS) practices including any applicable Standards and Specifications.</p> <p><u>MWHS References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of manure and wastewater handling and storage (MWHS) practices.</p>
	Manure and Wastewater Handling and Storage Option 2 - U niv TN Certification	<p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>MWHS Experience</u> : Experience in the planning, design, layout, inspection and certification of manure and wastewater handling and storage(MWHS) practices including any applicable Standards and Specifications.</p> <p><u>MWHS References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of manure and wastewater handling and storage (MWHS)</p>



Categories	Options	Criteria
		practices. <u>Univ TN MWHS Certification</u> : Manure and Wastewater Handling and Storage Certification through the University of Tennessee CNMP Manure and Wastewater Handling and Storage element certification process.
Nutrient Management - Organic and Inorganic (Current)		State Date: 4/3/2003 ; End Date: Nutrient Management (590); Waste Utilization (633);
	Nutrient Mgt Option 1 - CCA	<u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA). <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	Nutrient Mgt Option 2 - CPAg	<u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA). <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	Nutrient Mgt Option 3 - CPCSc	<u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA). <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	Nutrient Mgt Option 4 - CPSSc	<u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA). <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	Nutrient Mgt Option 5 - State Certification	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Mgt - Certification</u> : Certification through an applicable certification program recognized by NRCS in the state(s) in which service will be provided. <u>Nutrient Mgt - Knowledge</u> : Knowledge of conservation practices and management activities to reduce the potential for nutrient transport. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning. <u>Nutrient Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management practices.
	Nutrient Mgt Option 6 - Education	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Mgt - Education</u> : BS degree in agronomy, soil science, crop science, horticulture, or related fields in nutrient management. <u>Nutrient Mgt - Knowledge</u> : Knowledge of conservation practices and management activities to reduce the potential for nutrient transport. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning. <u>Nutrient Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management practices.
	Nutrient Mgt Option 7 - Experience	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Mgt - Experience</u> : Three years experience within the last five years in the field of nutrient management planning. <u>Nutrient Mgt - Knowledge</u> : Knowledge of conservation practices and management activities to reduce the potential for nutrient transport. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning.

Categories	Options	Criteria
		<u>Nutrient Organic References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management Organic practices.
	Nutrient Mgt Option 8 - Certification Univ TN	<u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning. <u>Nutrient Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management practices. <u>Univ TN Nutrient Mgt Certification</u> : Nutrient Management Certification through the University of Tennessee CNMP Nutrient Management element certification process.
Pest Management		State Date: 3/1/2003 ; End Date: Pest Management (595);
	Pest Mgt Option 1 - CCA	<u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA).
	Pest Mgt Option 2 - CPAg	<u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA).
	Pest Mgt Option 3 - CPCSc	<u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA).
	Pest Mgt Option 4 - CPPP	<u>ASA CPPP</u> : Certified Professional Plant Pathologist certification from the American Society of Agronomy(ASA).
	Pest Mgt Option 5 - State License	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Pest Mgt License - State</u> : Posses current state Pest Mgt applicator license where required by state. <u>Pest Mgt Training -NRCS</u> : Successfully complete modules 1-7 of the Pest Management track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning.
Prescribed Burning		State Date: 3/1/2003 ; End Date: Firebreak (394); Prescribed Burning (338);
	Prescribed Burning Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Prescribed Burning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Prescribed Burning practices. <u>Prescribed Burning State Certification</u> : Certification and training in the prescribed burning as required by State law.
Reservoir Sealing		State Date: 3/1/2003 ; End Date: Pond Sealing or Lining Bentonite Sealant (521C); Pond Sealing or Lining Flexible Membrane (521A); Pond Sealing or Lining Soil Dispersant (521B);
	Reservoir Sealing Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Reservoir Sealing Experience</u> : Experience in the planning, design, layout, inspection and certification of soil stabilization or access practices including any applicable Standards and Specifications. <u>Reservoir Sealing References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Reservoir Sealing practices.
Soil Stabilization for Access (Roads)		State Date: 3/1/2003 ; End Date: Access Road (560); Animal Trails and Walkways (575); Forest Trails and Landings (655); Heavy Use Area Protection (561); Recreation Trail and Walkway (568);
	Soil Stabilization Option 1	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the

Categories	Options	Criteria
		<p>state of practice.</p> <p><u>Soil Stabilization Experience</u> : Experience in the planning, design, layout, inspection and certification of soil stabilization or access practices.</p> <p><u>Soil Stabilization References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Soil Stabilization for Access (Roads) practices.</p>
Surface Water Detention/Retention		<p>State Date: 3/1/2003 ; End Date:</p> <p>Commercial Fishponds (397); Dam (402); Dam, Diversion (348); Dike (356); Dry Hydrant (432); Fish Raceway or Tank (398); Grade Stabilization Structure (410); Irrigation Regulating Reservoir (552); Irrigation Storage Reservoir (436); Irrigation System Tailwater Recovery (447); Pond (378); Sediment Basin (350); Structure for Water Control (587); Subsurface Drain (606); Water and Sediment Control Basin (638); Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);</p>
	Surface Water Detention Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Surface Water Detention Experience</u> : Experience in the planning, design, layout and inspection of surface water detention retention practices including any applicable Standards and Specifications.</p> <p><u>Surface Water Detention References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Surface Water Detention/Retention practices.</p>
Waste Utilization - Energy Generation (Current)		<p>State Date: 4/3/2003 ; End Date:</p> <p>Waste Utilization (633);</p>
	Waste (Energy) Option 1 - Engineer	<p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Waste (Energy) - References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Waste Utilization - Energy Generation practices.</p>
Waste Utilization - Feedstock for Livestock (Current)		<p>State Date: 4/3/2003 ; End Date:</p> <p>Waste Utilization (633);</p>
	Waste (Livestock) Option 1	<p><u>Waste (Livestock) References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Waste Utilization - Feedstock for Livestock practices.</p> <p><u>Waste(Livestock) - Certified Animal Scientist</u> : Certification as a Professional Animal Scientist</p>
Water Conveyance (Pipelines)		<p>State Date: 3/1/2003 ; End Date:</p> <p>Dry Hydrant (432); Pipeline (516); Pipeline Aluminum Tubing (430AA); Pipeline Asbestos-Cement (430BB); Pipeline High-pressure, Underground, Plastic (430DD); Pipeline Low-pressure, Underground, Plastic (430EE); Pipeline Nonreinforced Concrete (430CC); Pipeline Reinforced Plastic Mortar (430GG); Pipeline Rigid Gated Pipeline (430HH); Pipeline Steel (430FF);</p>
	Water Conveyance Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Water Conveyance Experience</u> : Experience in the planning, design, layout, inspection and certification of water conveyance pipeline practices including any applicable Standards and Specifications.</p> <p><u>Water Conveyance References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Water Conveyance (Pipelines) practices.</p>
Water Management (Drainage)		<p>State Date: 3/1/2003 ; End Date:</p> <p>Bedding (310); Drainage Water Management (554); Mole Drain (482); Open Channel (582); Pumped Well Drain (532); Pumping Plant (533); Structure for Water Control (587); Subsurface Drain (606); Surface Drainage, Field Ditch (607); Surface Drainage, Main or Lateral (608); Underground Outlet (620); Vertical Drain (630);</p>
	Water Management (Drainage) - Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the</p>

Categories	Options	Criteria
		<p>state of practice.</p> <p><u>Water Mgt Drainage Experience</u> : Experience and knowledge in planning, design, layout, inspection and certification of Water Management drainage practices including any applicable Standards and Specifications.</p> <p><u>Water Mgt Drainage References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Water Management (Drainage) practices.</p>
Water Supply Facilities		<p>State Date: 3/1/2003 ; End Date:</p> <p>Dry Hydrant (432); Pipeline (516); Pumping Plant (533); Spring Development (574); Water Harvesting Catchment (636); Watering Facility (614); Wildlife Watering Facility (648);</p>
	Water Supply Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Water Supply Experience</u> : Experience in the planning, design, layout, and inspection of water collection practices including any applicable Standards and Specifications.</p> <p><u>Water Supply References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Water Supply Facilities practices.</p>
Water Well		<p>State Date: 3/1/2003 ; End Date:</p> <p>Water Well (642); Well Decommissioning (351);</p>
	Water Well Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Water Well Experience</u> : Experience in planning, design, layout, inspection, and certification of water well practices.</p> <p><u>Water Well References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Water Well practices.</p>
Well and Shaft Technology		<p>State Date: 3/1/2003 ; End Date:</p> <p>Mine Shaft and Adit Closing (457); Pumped Well Drain (532); Pumping Plant (533); Vertical Drain (630);</p>
	Well and Shaft Option 1	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Well Experience</u> : Experience in planning, design, layout, inspection and certification of well and shaft technology practices including any applicable Standards and Specifications.</p> <p><u>Well References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Well and Shaft Technology practices.</p>
Wetlands		<p>State Date: 3/1/2003 ; End Date: 4/24/2003 12:00:00 AM</p> <p>Constructed Wetland (656); Dike (356); Structure for Water Control (587); Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);</p>
	Wetlands Option 1 - CPSSc	<p><u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA).</p>
	Wetlands Option 2 Engineers License	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Wetlands Experience</u> : Experience in planning, design, layout, inspection, and certification of wetland practices selected in this category.</p> <p><u>Wetlands References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Wetlands practices.</p>
Wetlands (Interdisciplinary) Biological Components		<p>State Date: 4/24/2003 ; End Date:</p> <p>Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);</p>
	Wetlands Biological Option 1 - Certification	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the</p>

Categories	Options	Criteria
		<p>Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Wetlands Biological Experience - 1 Year</u> : Have 1 year experience in planning, design, installation/layout, and checkout of wetland practices associated with this category.</p> <p><u>Wetlands Biological Knowledge</u> : Be knowledgeable of the interdisciplinary nature of the associated practices as it relates to biological components and engineering components. Understand that certification of these practices will require both biological and engineering disciplines.</p> <p><u>Wetlands Biological References</u> : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in planning, designing, installation/layout, and checkout of wetland practices associated with this category.</p> <p><u>Wildlife Biologist</u> : Be certified as a wildlife biologist by The Wildlife Society or professional wetland scientist by the Society of Wetland Scientists.</p>
	Wetlands Biological Option 2 - Education	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Wetlands Biological Education</u> : Bachelor or higher level degree in biology or other ecological sciences.</p> <p><u>Wetlands Biological Experience - 2 Years</u> : Have 2 year experience in planning, design, installation/layout, and checkout of wetland practices associated with this category.</p> <p><u>Wetlands Biological Knowledge</u> : Be knowledgeable of the interdisciplinary nature of the associated practices as it relates to biological components and engineering components. Understand that certification of these practices will require both biological and engineering disciplines.</p> <p><u>Wetlands Biological References</u> : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in planning, designing, installation/layout, and checkout of wetland practices associated with this category.</p>
Wetlands (Interdisciplinary) Engineering Components		<p>State Date: 4/24/2003 ; End Date:</p> <p>Wetland Creation (658); Wetland Enhancement (659); Wetland Restoration (657);</p>
	Wetlands Interdisciplinary Engineering Option 1 - Engineers License	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Wetlands Interdisciplinary Engineering Experience - 2 Years</u> : Have 2 year experience in planning, design, installation/layout, and checkout of wetland practices associated with this category.</p> <p><u>Wetlands Interdisciplinary Engineering Knowledge</u> : Be knowledgeable of the interdisciplinary nature of the associated practices as it relates to biological components and engineering components. Understand that certification of these practices will require both biological and engineering disciplines.</p> <p><u>Wetlands Interdisciplinary Engineering References</u> : Provide two locations or customer references where technical service has been provided that can verify experience and proficiency in planning, designing, installation/layout, and checkout of wetland practices associated with this category.</p>
Wetlands with Engineering Required		<p>State Date: 4/24/2003 ; End Date:</p> <p>Constructed Wetland (656); Dike (356); Structure for Water Control (587);</p>
	Wetlands Engineering Option 1 - Engineers License	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Wetlands Experience</u> : Experience in planning, design, layout, inspection, and certification of wetland practices selected in this category.</p> <p><u>Wetlands References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Wetlands practices.</p>
Wildlife and Fisheries		<p>State Date: 3/1/2003 ; End Date:</p> <p>Early Successional Habitat Development/Management (647); Fish Passage (396); Hedgerow Planting (422); Restoration and Management of Declining Habitats (643); Riparian Herbaceous Cover (390); Stream Habitat Improvement and Management (395); Upland Wildlife Habitat Management (645); Wetland Wildlife Habitat Management (644);</p>
	Wildlife Option 1 - Certification	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Wildlife Certification</u> : Be certified by a Wildlife or related professional organization.</p>



Categories	Options	Criteria
	Wildlife Option 2 - Experience	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Wildlife Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing wildlife practices associated with this category.</p> <p><u>Wildlife References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Wildlife and Fisheries practices.</p>
	Wildlife Option 3 - Education	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Wildlife Education</u> : Bachelor or higher level degree in agronomy, biology, agriculture, or other biological science and 1 year experience and knowledge successfully planning, design, layout, or managing wildlife practices associated with this category.</p> <p><u>Wildlife References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Wildlife and Fisheries practices.</p>
Wildlife and Fisheries w/Engineering Required		State Date: 3/1/2003 ; End Date: Fish Raceway or Tank (398); Fishpond Management (399); Shallow Water Management for Wildlife (646); Wildlife Watering Facility (648);
	Wildlife w/Engineering Option 1 - Certification	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Wildlife Certification</u> : Be certified by a Wildlife or related professional organization.</p>
	Wildlife w/Engineering Option 2 - Experience	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Wildlife Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing wildlife practices associated with this category.</p> <p><u>Wildlife References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Wildlife and Fisheries practices.</p>
	Wildlife w/Engineering Option 3 - Education	<p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Wildlife Education</u> : Bachelor or higher level degree in agronomy, biology, agriculture, or other biological science and 1 year experience and knowledge successfully planning, design, layout, or managing wildlife practices associated with this category.</p> <p><u>Wildlife References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Wildlife and Fisheries practices.</p>
xCNMP Land Treatment - Buffers (outdated category)		State Date: 7/10/2003 ; End Date: 8/5/2003 12:00:00 AM Contour Buffer Strips (332); Cross Wind Trap Strips (589C); Field Border (386); Filter Strip (393); Hedgerow Planting (422); Herbaceous Wind Barriers (603); Vegetative Barrier (601);
	CNMP Land Treatment Buffer Option 1 - AgCertification	<p><u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization.</p> <p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p>
	CNMP Land Treatment Buffer Option 2 - Experience	<p><u>Buffer Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection and certification of buffer conservation practices associated with this category.</p> <p><u>Buffer References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Buffer practices.</p> <p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National</p>

Categories	Options	Criteria
		Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	CNMP Land Treatment Buffer Option 3 - Education	<u>Buffer Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 year of experience and knowledge successfully planning, design, layout, or inspection of buffer conservation practices associated with this category. <u>Buffer References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Buffer practices. <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	CNMP Land Treatment Buffer Option 4 - Certification Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Univ TN - CNMP Land Treatment Certification</u> : Certification through the University of Tennessee CNMP Land Treatment element certification process.
xCNMP Land Treatment - Surface Water Mgt (outdated category)		State Date: 7/10/2003 ; End Date: 8/5/2003 12:00:00 AM Diversion (362); Grassed Waterway (412); Hillside Ditch (423); Lined Waterway or Outlet (468); Rock Barrier (555); Roof Runoff Structure (558); Row Arrangement (557); Runoff Management System (570); Structure for Water Control (587); Subsurface Drain (606); Terrace (600); Underground Outlet (620); Waterspreading (640);
	CNMP Land Treatment Surface Water Mgt Option 1 - Eng Lic	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Surface Water Mgt Experience</u> : Experience in planning, design, layout, inspection and certification of surface water management practices including any applicable Standards and Specifications. <u>Surface Water Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Surface Water Management practices.
	CNMP Land Treatment Surface Water Mgt Option 2 - Certification Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Univ TN - CNMP Land Treatment Certification</u> : Certification through the University of Tennessee CNMP Land Treatment element certification process.
xCNMP Land Treatment - Vegetative Land Stabilization (outdated category)		State Date: 7/10/2003 ; End Date: 8/5/2003 12:00:00 AM Channel Vegetation (322); Conservation Cover (327); Cover Crop (340); Land Reconstruction, Abandoned Mined Land (543); Mulching (484); Soil Salinity Management-Nonirrigated (571);
	CNMP Land Treatment Vegetative Land Stabilization Option 1 - Certification	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	CNMP Land Treatment Vegetative Land Stabilization Option 2 - Experience	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is:

Categories	Options	Criteria
		<a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Vegetative Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing vegetative practices associated with this category. <u>Vegetative References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Vegetative Land Stabilization practices.
	CNMP Land Treatment Vegetative Land Stabilization Option 3 - Education	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Vegetative Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years experience and knowledge successfully planning, design, layout, or managing vegetative practices associated with this category. <u>Vegetative References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Vegetative Land Stabilization practices.
	CNMP Land Treatment Vegetative Land Stabilization Option 4 - Cert Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Univ TN - CNMP Land Treatment Certification</u> : Certification through the University of Tennessee CNMP Land Treatment element certification process.
xCNMP Land Treatment -Tillage and Erosion (outdated category)		State Date: 7/10/2003 ; End Date: 8/5/2003 12:00:00 AM Conservation Crop Rotation (328); Contour Farming (330); Contour Orchard and Other Fruit Area (331); Cross Wind Ridges (589A); Deep Tillage (324); Residue Management, Mulch Till (329B); Residue Management, No Till/Strip Till (329A); Residue Management, Ridge Till (329C); Residue Management, Seasonal (344); Stripcropping (585); Surface Roughening (609);
	CNMP Land Treatment Tillage and Erosion Option 1 - CCA	<u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA). <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
	CNMP Land Treatment Tillage and Erosion Option 2 - CPAg	<u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA). <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
	CNMP Land Treatment Tillage and Erosion Option 3 - CPCSc	<u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA). <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
	CNMP Land Treatment Tillage and Erosion Option 4 - CPSSc	<u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA). <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.
	CNMP Land Treatment Tillage and Erosion Option 5 - Certification	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	CNMP Land Treatment Tillage and Erosion Option 6 - Experience	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Tillage Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing tillage practices associated with this category. <u>Tillage References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing,

Categories	Options	Criteria
		installation/layout, and checkout of Tillage and Erosion practices.
	CNMP Land Treatment Tillage and Erosion Option 7 - Education	<p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Tillage Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years of experience and knowledge successfully planning, design, layout, or managing tillage practices associated with this category.</p> <p><u>Tillage References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Tillage and Erosion practices.</p>
	CNMP Land Treatment Tillage and Erosion Option 8 - Certification Univ TN	<p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Univ TN - CNMP Land Treatment Certification</u> : Certification through the University of Tennessee CNMP Land Treatment element certification process.</p>
xCNMP Manure and Wastewater Handling and Storage (outdated category)		<p>State Date: 7/10/2003 ; End Date: 8/5/2003 12:00:00 AM</p> <p>Animal Mortality Facility (316); Closure of Waste Impoundments (360); Composting Facility (317); Constructed Wetland (656); Heavy Use Area Protection (561); Manure Transfer (634); Pumping Plant (533); Roof Runoff Structure (558); Waste Storage Facility (313); Waste Treatment Lagoon (359); Waste Utilization (633); Wastewater Treatment Strip (635);</p>
	CNMP MWHS Option 1 - Experience	<p><u>Animal Waste Level 1</u> : Complete NRCS training course Animal Waste Management- a primer or an NRCS approved equivalent.</p> <p><u>Animal Waste Level 2</u> : Complete NRCS training course Animal Waste Management- level 2 or an NRCS approved equivalent.</p> <p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a></p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>MWHS Experience</u> : Experience in the planning, design, layout, inspection and certification of manure and wastewater handling and storage(MWHS) practices including any applicable Standards and Specifications.</p> <p><u>MWHS References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of manure and wastewater handling and storage (MWHS) practices.</p>
	CNMP MWHS Option 2 - Univ TN Certification	<p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice.</p> <p><u>Univ TN - CNMP MWHS Certification</u> : Certification through the University of Tennessee CNMP Manure and Wastewater Handling and Storage element certification process.</p>
xCNMP Nutrient Management (outdated category)		<p>State Date: 7/10/2003 ; End Date: 8/5/2003 12:00:00 AM</p> <p>Irrigation Water Management (449); Nutrient Management (590); Waste Utilization (633);</p>
	CNMP Nutrient Mgt Option 1 - CCA	<p><u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA).</p> <p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.</p>
	CNMP Nutrient Mgt Option 2 - CPAg	<p><u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA).</p> <p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance.</p> <p><u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.</p>
	CNMP Nutrient Mgt Option 3 - CPCSc	<p><u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA).</p> <p><u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National</p>

Categories	Options	Criteria
		Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	CNMP Nutrient Mgt Option 4 - CPSSc	<u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA). <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy.
	CNMP Nutrient Mgt Option 5 - State Certification	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Mgt - Certification</u> : Certification through an applicable certification program recognized by NRCS in the state(s) in which service will be provided. <u>Nutrient Mgt - Knowledge</u> : Knowledge of conservation practices and management activities to reduce the potential for nutrient transport. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning. <u>Nutrient Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management practices.
	CNMP Nutrient Mgt Option 6 - Education	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Mgt - Education</u> : BS degree in agronomy, soil science, crop science, horticulture, or related fields in nutrient management. <u>Nutrient Mgt - Knowledge</u> : Knowledge of conservation practices and management activities to reduce the potential for nutrient transport. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning. <u>Nutrient Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management practices.
	CNMP Nutrient Mgt Option 7 - Experience	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Mgt - Experience</u> : Three years experience within the last five years in the field of nutrient management planning. <u>Nutrient Mgt - Knowledge</u> : Knowledge of conservation practices and management activities to reduce the potential for nutrient transport. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Nutrient Mgt - Tools Experience</u> : Proficiency in the use of nutrient transport risk assessment tools (e.g. Leaching Index, Phosphorus Index). <u>Nutrient Mgt Course NRCS</u> : Successfully complete modules 1 - 7 of the Nutrient track of NRCS course Nutrient and Pest Management Considerations in Conservation Planning. <u>Nutrient Mgt References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management practices.
	CNMP Nutrient Mgt Option 8 - Certification Univ TN	<u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning



Categories	Options	Criteria
		Technical Guidance. <u>Nutrient Mgt - State Certification</u> : State certification in the state(s) in which service will be provided when required by state regulation or policy. <u>Univ TN - CNMP Nutrient Mgt Certification</u> : Certification through the University of Tennessee CNMP Nutrient Management element certification process.
xCNMP Plan Development (outdated category)		State Date: 3/1/2003 ; End Date: 7/23/2003 12:00:00 AM Comprehensive Nutrient Management Plan (CNMP); Nutrient Management (590); Waste Utilization (633);
	CNMP Plan Development Option 1 - NRCS CNMP Certification	<u>CNMP Certifications</u> : Possess a current certification as a Comprehensive Nutrient Management Planner from an NRCS approved training program for the states and localities to be serviced. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	CNMP Plan Development Option 2 - Other CNMP Certification	<u>CNMP - Ag Waste Course</u> : Successfully complete the NRCS Agricultural Waste Management Systems: A Primer Course or an NRCS approved equivalent. <u>CNMP - National Planning Procedures Handbook</u> : Knowledge and understanding of National Planning Procedures Handbook - Part 600.5, Comprehensive Nutrient Management Planning Technical Guidance. <u>CNMP Certification</u> : Certification in the appropriate certification categories that contain the Manure and Wastewater Handling and Storage, Land Practices, and Nutrient Management elements of the CNMP. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
xCertified Conservation Planner (Version 1)		State Date: 3/1/2003 ; End Date: 4/3/2003 12:00:00 AM Conservation System Planning (CSP);
	Conservation Planning Option 1 - Certification (Version 1)	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Conservation Planning State Certification</u> : Possess a current certification as a certified conservation planner from a NRCS approved training program for the states and localities to be serviced.
	Conservation Planning Option 2 (Version 1)	<u>Conservation Planning Knowledge</u> : Possess and demonstrate the following knowledge, skills and abilities: a) Awareness of the specific program rules and regulations for 2002 Farm Bill programs, b) Skill in applying the NRCS conservation planning process, c) Ability to plan and implement conservation practices common to the geographic area, d) Skill in applying approved erosion prediction technology (Revised Universal Soil Loss equation, Wind Erosion Equation, Wind Erosion Prediction System), f) Skill in using applicable site vulnerability assessment tools. <u>Conservation Planning NRCS Training Modules 1-9</u> : Complete modules 1 through 9 of NRCS Conservation Planning Course or an equivalent NRCS approved Conservation Planning Training. <u>Conservation Planning References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Certified Conservation Planner practices.
xNutrient Management Inorganic (Version 1)		State Date: 3/1/2003 ; End Date: 4/3/2003 12:00:00 AM Nutrient Management (590);
	Nutrient Inorganic Option 1 - CCA (Version 1)	<u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA).
	Nutrient Inorganic Option 2 - CPAg (Version 1)	<u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA).
	Nutrient Inorganic Option 3 - CPCSc (Version 1)	<u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA).
	Nutrient Inorganic Option 4 - CPSSc (Version 1)	<u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA).
	Nutrient Inorganic Option 5 - State License (Version 1)	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Inorganic - References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management Inorganic practices. <u>Nutrient Inorganic Assessment</u> : Knowledge of assessment of risk of nutrient loss Nutrient

Categories	Options	Criteria
		Inorganic Assessment. <u>Nutrient Inorganic Mitigation</u> : Knowledge of mitigation of risk of nutrient losses for Nutrient Inorganic Mitigation. <u>Nutrient Planner State License</u> : Posses a current State Nutrient Planner License or equivalent as required by law.
xNutrient Management Organic (Version 1)		State Date: 3/1/2003 ; End Date: 4/3/2003 12:00:00 AM Nutrient Management (590);
	Nutrient Organic Option 1 - CCA (Version 1)	<u>ASA CCA</u> : Certified Crop Advisor certification from the American Society of Agronomy(ASA).
	Nutrient Organic Option 2 - CPAg (Version 1)	<u>ASA CPAg</u> : Certified Professional Agronomist certification from the American Society of Agronomy(ASA).
	Nutrient Organic Option 3 - CPCSc (Version 1)	<u>ASA CPCSc</u> : Certified Professional Crop Scientist certification from the American Society of Agronomy(ASA).
	Nutrient Organic Option 4 - CPSSc (Version 1)	<u>ASA CPSSc</u> : Certified Professional Soil Scientist certification from the American Society of Agronomy(ASA).
	Nutrient Organic Option 5 - State License (Version 1)	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Nutrient Organic References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Nutrient Management Organic practices. <u>Nutrient Planner State License</u> : Posses a current State Nutrient Planner License or equivalent as required by law.
xWaste Utilization - Energy Generation (Version 1)		State Date: 3/1/2003 ; End Date: 4/3/2003 12:00:00 AM Waste Utilization (633);
	Waste (Energy) Option 1 - Ag Certification (Version 1)	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Engineers License - State</u> : A current Professional Engineers license as required by law in the state of practice. <u>Waste (Energy) - References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Waste Utilization - Energy Generation practices.
xWaste Utilization - Feedstock for Livestock (outdated category)		State Date: 3/1/2003 ; End Date: 4/3/2003 12:00:00 AM Waste Utilization (633);
	Waste (Livestock) Option 1 (Version 1)	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Waste (Livestock) Knowledge</u> : Knowledge of and experience with how waste may be used as feedstock for animals. <u>Waste (Livestock) References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Waste Utilization - Feedstock for Livestock practices.
xWaste Utilization - Land Application (outdated category)		State Date: 3/1/2003 ; End Date: 7/18/2003 12:00:00 AM Waste Utilization (633);
	Waste (Land) Option 1 - Certification	<u>Agronomic Certification</u> : Have a current certification by an agronomic or related professional organization. <u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a>
	Waste (Land) Option 2 - Experience	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Waste (Land) Experience</u> : 5 years experience and knowledge in planning, design, layout, inspection, or managing Waste Utilization - Land Applied practices associated with this

Categories	Options	Criteria
		category. <u>Waste (Land) References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Waste Utilization - Land Application practices.
	Waste (Land) Option 3 - Education	<u>Conservation Planning NRCS Training Modules 1-5</u> : Complete modules 1 through 5 of NRCS Conservation Planning course. Anyone can take the first 5 modules of the Conservation Planning Course, self-paced, off of the Internet. The web site for the course is: <a href="http://www.nedc.nrcs.usda.gov/catalog/consplan.html">http://www.nedc.nrcs.usda.gov/catalog/consplan.html</a> <u>Waste (Land) Education</u> : Bachelor or higher level degree in agronomy, agriculture, or other plant science and 1 years of experience and knowledge successfully planning, design, layout, or managing waste utilization - land applied practices associated with this category. <u>Waste (Land) References</u> : Provide two locations or customer references where technical service has been provided that can verify your experience and proficiency planning, designing, installation/layout, and checkout of Waste Utilization - Land Application practices.